

Appl. No. 10/706,103
Docket No. 9118M2
Amdt. dated October 19, 2007
Reply to Office Action mailed on September 7, 2007
Customer No. 27752

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): An oral care dentifrice composition comprising:

- a) ~~a~~ from 35% to 65%, by weight of the composition, of a water insoluble, particulate retentive agent, selected from the group consisting of mica, magnesium carbonate, bismuth oxychloride, titanium dioxide, zinc oxide, polyethylene powder, polystyrene powder, and titanated mica, having a water solubility of less than 1g/30g at 25°C;
- b) ~~b~~ an oral care active;
- c) ~~e~~ a surfactant;
- d) ~~d~~ a buffer;

wherein the composition is a chewable dentifrice solid unit dosage form, is non-effervescent, non-cariogenic; and wherein the composition is visible on 2 to 3 molar or premolar surfaces to greater than 7 molar or premolar surfaces for 5 minutes to 60 minutes after a human subject chews two tablets of the composition for 5 to 30 seconds, brushes his or her teeth for 30 seconds, expectorates the slurry created from the brushing, and then rinses with 10 ml of water and expectorates again.

Claim 2 (previously presented): The composition of claim 1 wherein the retentive agent has a water solubility of less than 1g/100g at 25°C.

Claim 3 (previously presented): The composition of claim 1 wherein the composition is visible on 4 to 5 molar or premolar surfaces to greater than 7 molar or premolar surfaces for 5 minutes to 60 minutes.

Appl. No. 10/706,103
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Claim 4 (previously presented): The composition of claim 2 wherein from 0.5% to 20% by weight of the initial composition deposits in some of the tooth surfaces after chewing by the subject.

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (canceled)

Claim 8 (original): The composition of claim 1 wherein the oral care active agent is selected from the group consisting of anticalculus agent, fluoride ion source, antimicrobial agents, dentinal desensitizing agents, anesthetic agents, antifungal agents, anti-inflammatory agents, selective H-2 antagonists, anticaries agents, remineralization agents, whitening agents, anticorrosion agents, vitamins, minerals, and mixtures thereof.

Claim 9 (previously presented): The composition of claim 8 wherein the active agent is a fluoride ion source providing from 200 ppm to 300 ppm of fluoride ion.

Claim 10 (original): The composition of claim 1 wherein the solid unit dosage form is a compressed tablet.

Claim 11 (original): The composition of claim 1 wherein the buffer is selected from the group consisting of water soluble buffers, sodium bicarbonate, sodium carbonate, phosphate buffers, amino acid buffers, alanine, glycine, trisodium phosphate, disodium phosphate, disodium hydrogen phosphate, sodium dihydrogen phosphate, tris(hydroxymethyl) aminomethane, tetrasodium pyrophosphate, disodium pyrophosphate; tetrapotassium pyrophosphate, salts of tripolyphosphate, and mixtures thereof.

Claim 12 (currently amended) An oral care kit comprising:

Appl. No. 10/706,103

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Customer No. 27752

a) ~~a~~ an oral care dentifrice composition for topical, oral administration in a human or other animal comprising:

1) ~~1~~ from 35% to 65%, by weight of the composition, of a water insoluble, particulate retentive agent, selected from the group consisting of mica, magnesium carbonate, bismuth oxychloride, titanium dioxide, zinc oxide, polyethylene powder, polystyrene powder, and titanated mica, having a water solubility of less than 1g/30g at 25°C; and

2) ~~2~~ an oral care active;

3) ~~3~~ a surfactant;

4) ~~4~~ a buffer;

b) ~~b~~ instructions for use to chew the composition, thereafter brush the teeth, and observe the composition visibly on 2 to 3 molar or premolar surfaces to greater than 7 molar or premolar surfaces for 5 to 60 minutes after brushing; and

c) ~~c~~ a container;

wherein the composition is a chewable dentifrice solid unit dosage form, is non-effervescent, and non-cariogenic.

Claim 13 (previously presented): A method of buffering the oral cavity saliva or environment on or at the tooth surfaces of a subject in need thereof, to a pH from 7 to 12, for at least about 2 minutes, by administering topically to the oral cavity, an oral care composition according to Claim 1.

Claim 14 (previously presented): A method of providing sustained delivery of an oral care active for at least 5 minutes, in the oral cavity of a subject in need thereof, for treatment or prevention of an oral condition alone or for promoting whole body health, by administering topically, an oral care dentifrice composition according to Claim 1.

Claim 15 (original): The method of claim 13 wherein the retentive agent has a water solubility of less than about 1g/100g at 25°C.

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Claim 16 (currently amended): A method of depositing and retaining a composition in the pits, fissures, and occlusal surfaces of one or more tooth surfaces of a subject for 5 to 60 minutes, comprising the steps of:

biting or chewing two tablets of said composition for 5 to 30 seconds;~~and~~
brushing the teeth; and
expectorating the slurry created from the brushing with a viscous slurry formed
~~from a portion of said composition that is not deposited on teeth;~~

wherein the composition comprises:

- a) ~~a~~ from 30% to about 65%, by weight of the composition, of a water insoluble, particulate retentive agent having a water solubility of less than 1g/30g at 25°C.
- b) ~~b~~ an oral care active;
- c) ~~c~~ a surfactant;
- d) ~~d~~ an oral care carrier selected from the group consisting of a flavor, sensate, buffer, and mixtures thereof;

wherein the composition is a chewable solid unit dosage form, non-effervescent, and non cariogenic and wherein the subject chews the oral care dentifrice composition and the composition is visible on 2 to 3 molar or premolar surfaces to greater than 7 molar or premolar surfaces for 5 minutes to 60 minutes after a subject chews two tablets of the composition for 5 to 30 seconds, brushes his or her teeth for 30 seconds, expectorates the slurry created from the brushing, and then rinses with 10 ml of water and expectorates again.

Claim 17 (original): The method of claim 16 wherein the retentive agent has a water solubility of less than about 1g/100g at 25°C.